



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

D206-642-312BL
Job Sheet 170518



Part No: D206-642-312BL

Job Qty: 1 ea

Part Name: Skidtube RH, Low & High Gear with Standard Wearplates (Ael Blue)



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 1/17/18

Job Tracking No:

Due Date: 1/31/18

Created By: Linda Lacelle

Type: SOLD

Description:

Note: DWG REV Q SHEETS 29-30 IPP Rev: J 05.10.11 Added D3429-1 per CHG004 KJ/CP/JLM/EC IPP Rev:K 07-12-04 ECN 1080p DD verified by:ec IPP Rev:L 08-09-29 as per DSI9421 DD verified by: EC IPP Rev:M 09-03-02 as per DSI9440 rev.a verified by:EC IPP Rev:N 09-03-03 as per DSI9421 rev.b verified by:EC IPP Rev:O as per REV:N DD 10.04.19 verified by:EC IPP Rev:P 14.04.25 ECN14-520 DD verf:JLM IPP REV:Q 15.10.09 ADDED BL DD VERF:JLM

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Lead Time	Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier			
90	Start up Operation	1 Ea		1/31/18	0.00	0.00	Start Up Stores/Pkg-1			JAN 29 2018
110	Packaging	1 pcs		1/31/18	0.00	0.00	Packaging1-2			SmS
120	QC	1 pcs		1/31/18	0.00	0.00	QC4			SmS
125	DC	1 pcs		1/31/18	0.00	0.00	DC			
130	Packaging	1 pcs		1/31/18	0.00	0.00	Packaging3-1			SmS
140	QC21-FG	1 Ea		1/31/18	0.00	0.00	QC21			fgg23

Part Op 125 - Photocopy bluefile and create labels per PPP D206-642-312 CHG008
Descriptions: 130 - Identify and pack for shipping as per PPP D206-642-312 Location: _____ PPP Rev: **HC** FEB 01 2016

000 / 55

DQA:

Date:

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed:

Date:

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width:100%;"> <tr> <td style="width:15%;">Skid-tube ☐</td> <td style="width:15%;">Cross tube ☐</td> <td style="width:15%;">Water Jet ☐</td> <td style="width:15%;">Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>				Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
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Date :	Step #:	QTY Effective :		MRB (QSI042) Approval																	
Description Work Order Deviation			Disposition																		
Change No: Operation: Revision: Original Serial #: S036239 PART NO: D206-642-312BL Blue) Skidtube RH, Low & High Gear with Standard Wearplates (Ael Start up Operation 01/29/18 Job No: 170518 DART Aerospace Ltd. 1270 Aberdeen Street Hawkesbury, ON K6A 1K7 TEL: 1 613 632-5200 Email: sales@dartaero.com www.dartaerospace.com			Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval																		
Root Cause <table style="width:100%;"> <tr> <td style="width:50%;"> Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ </td> <td style="width:50%;"> No R ☐ Oper ☐ Offse ☐ Suppl ☐ Traini ☐ Use fc ☐ Poor l ☐ Rushir ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐ </td> </tr> </table>			Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No R ☐ Oper ☐ Offse ☐ Suppl ☐ Traini ☐ Use fc ☐ Poor l ☐ Rushir ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	<table style="width:100%;"> <tr> <td style="width:33%;"> Loss/Surge program ☐ Stock Pulled sequence ☐ </td> <td style="width:33%;"> Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ </td> <td style="width:33%;"> Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐ </td> </tr> <tr> <td colspan="3"> Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ </td> </tr> </table>			Loss/Surge program ☐ Stock Pulled sequence ☐	Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐	Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐										
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OTHER : ☐																					

Job Allocations

Operation	Component Part	Required	Inventory	Allocated	Std Qty
90-Start up Operation	-AN3-41A 5033217	8	81	0	0
	-AN4-6A 5033216	12	631	0	0
	-AN4C5A 5033215	1	95	0	0
	-AN5-10A 5033213	4	317	0	0
	-AN5-11A 5033211	8	308	0	0
	-AN5-12A 5033208	4	436	0	0
	D206-642-341BL	1	2	0	0
	D206-648-013BL	1	0	0	0
	-D2652 5033207	16	468	0	0
	-D2712 5033204	10	465	0	0
	D2932-2BL	1	10	0	0
	D2933-2BL	1	10	0	0
	D2934 5033203	2	26	0	0
	D2935 5033202	2	18	0	0
	D2938-2BL	1	10	0	0
	D2939-2BL	1	10	0	0
	-D3407-043 F164244	1	14	0	0
	-D3413-1BL 5033196	1	5	0	0
	-D3456-1 5033193	1	128	0	0
	D3457-1 5014910	2	13	0	0
	-MS21042L3 5033152	8	3,000	0	0
	-MS21042L4 5033151	12	3,183	0	0
	-MS21043-4 5033150	1	1,057	0	0
	-NAS1149C0463R 5033145	1	254	0	0
	-NAS1149D0363J 5033144	8	4,256	0	0
	-NAS1149D0463J 5033143	24	5,256	0	0
	-NAS1149D0563J 5033142	8	1,191	0	0

Part Specifications

Specifications could not be found.

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐																																																											
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Environment ☐	Design ☐	Doc/Data ☐	Equip/Tooling ☐	Handling/Pre ☐	Material ☐	Internal Transport ☐	Tribal Knowledge ☐	LOA ☐	Substation ☐	Past Expiry Date ☐	Misidentified ☐	No Re-verification ☐	Operator ☐	Offset/Setup ☐	Supplier ☐	Training ☐	Use for Testing ☐	Poor Information ☐	Rushing ☐	Product Improvement ☐	Process Improvement ☐	Manufacturing Process ☐	Past Due ☐	Pressure/Forced ☐	Bending ☐	Centre Not Concentric ☐	Cracks ☐	Crimp/Kink/Ripple/Wave ☐	Cuffs ☐	Crushing ☐	Heat Treat ☐	Wave/Twist in Tube ☐	Marks/Chatter ☐	Temperature/Cure ☐	Set-up ☐	BOM/Route ☐	Broken/Damage/Defect ☐	Inspection Incomplete/Unqualified ☐	Contamination ☐	Countersink ☐	Cut Too Short ☐	Instructions Incomplete/Unclear ☐	Drill Holes ☐	Power Loss/Surge ☐	Folio/Program ☐	Grain ☐	Weld ☐	Wrong Stock Pulled ☐	Out of Sequence ☐	Off-set ☐	Mislabeled ☐	Fit/Function ☐	Misaligned/off center ☐	Positioned Wrong ☐	Outside Dimensions ☐	Over/Under tolerance ☐	Part Incorrect ☐	Part Lost/Missing ☐	Part Moved ☐	Drawing ☐	Finish ☐	Misread ☐	Turning Sequence ☐
OTHER : _____																																																															



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Master Unit 000155

Containers on Master Unit 000155				
Serial No	Part No	Customer Part No	Status	Quantity
S033217	AN3-41A	AN3-41A	Allocated	8
S033216	AN4-6A	AN4-6A	Allocated	12
S033215	AN4C5A	AN4C5A	Allocated	1
S033213	AN5-10A	AN5-10A	Allocated	4
S033211	AN5-11A	AN5-11A	Allocated	8
S033208	AN5-12A		Allocated	4
S033207	D2652	D2652	Allocated	16
S033204	D2712	D2712	Allocated	10
S036223	D2932-2BL	D2932-2BL	Allocated	1
S036222	D2933-2BL		Allocated	1
S033203	D2934	D2934	Allocated	2
S033202	D2935		Allocated	2
S036221	D2938-2BL		Allocated	1
S036220	D2939-2BL		Allocated	1
F164244	D3407-043		Allocated	1
S033196	D3413-1BL	D3413-1BL	Allocated	1
S033193	D3456-1	D3456-1	Allocated	1
S014910	D3457-1	D3457-1	Allocated	1
S036225	D3457-1	D3457-1	Allocated	1
S033152	MS21042L3	MS21042L3	Allocated	8
S033151	MS21042L4	MS21042L4	Allocated	12
S033150	MS21043-4	MS21043-4	Allocated	1
S033145	NAS1149C0463R	NAS1149C0463R	Allocated	1
S033144	NAS1149D0363J	NAS1149D0363J	Allocated	8
S033143	NAS1149D0463J	NAS1149D0463J	Allocated	24
S033142	NAS1149D0563J	NAS1149D0563J	Allocated	8

S037203 S036368 D206-648-013BL
S009940 D206-642-341 BL

4.5 206 L/L-1/L-3/L-4/407 LOW & HIGH GEAR SKIDTUBES

ITEM	QTY -311	QTY -312	QTY -313	QTY -314	QTY -341	QTY -357	QTY -349	QTY -351	QTY -013	PART NUMBER	DESCRIPTION
	X									D206-642-311	SKIDTUBE INSTALLATION, LH
		X								D206-642-312	SKIDTUBE INSTALLATION, RH
			X							D206-642-313	SKIDTUBE INSTALLATION, LH
				X						D206-642-314	SKIDTUBE INSTALLATION, RH
1	1	1			X					D206-642-341	SKIDTUBE
						X				D206-642-357	WEARSHOE KIT (REPLACES -347)
							X			D206-642-349	RUN-ON LANDING WEARPLATE KIT
			1	1				X		D206-642-351	SKIDTUBE
1	1	1	1	1					X	D206-648-013	GROUND HANDLING KIT
1					1					D2650-5	SKIDTUBE ASSEMBLY
1								1		D4361-041	SKIDTUBE ASSEMBLY
2A					14			4		D2651-1	* PLUG ⁽¹⁾
2B					14			4		D2651-3	* O-RING ⁽¹⁾
3					1			1		D2646	* AFT CAP ⁽¹⁾
4					2			2		MS27039-1-08	* SCREW ⁽¹⁾
5					2			2		NAS1149D0332J	* WASHER ⁽¹⁾ (OR AN960JD10L)
6	1		1							D2932-1	SADDLE, FWD OUT, LH
6		1		1						D2932-2	SADDLE, FWD OUT, RH
7	1		1							D2933-1	SADDLE, FWD IN, LH
7		1		1						D2933-2	SADDLE, FWD IN, RH
8	1		1							D2938-1	SADDLE, AFT OUT, LH
8		1		1						D2938-2	SADDLE, AFT OUT, RH
9	1		1							D2939-1	SADDLE, AFT IN, LH
9		1		1						D2939-2	SADDLE, AFT IN, RH
10	8	8	8	8						AN3-41A	BOLT
11	16	16	16	16						D2652	BUSHING
12A	8	8	8	8						MS21042-3	NUT (OR MS21042L3)
12B	8	8	8	8						NAS1149D0363J	WASHER (OR AN960JD10)
13	4	4	4	4						AN5-10A (OR AN5-11A)	* BOLT ⁽²⁾
14	4	4	4	4						AN5-11A (OR AN5-12A)	* BOLT ⁽²⁾
15	8	8	8	8						NAS1149D0563J	WASHER (OR AN960JD516)
16	12	12	12	12						AN4-6A	BOLT
17	24	24	24	24						NAS1149D0463J	WASHER (OR AN960JD416)
18	12	12	12	12						MS21042-4	NUT (OR MS21042L4)
20A					6	6				D3537-1	WEARPAD (REPLACES D2648-3)
21A					1	1				D3537-3	WEARPAD (REPLACES D3429-1)
22A					1	1				D4956-11	WEARSHOE (REPLACES D3535-11 + D3536-11)
23A					1	1				D4956-23	WEARSHOE (REPLACES D3535-23 + D3536-23)
24A					1	1				D4956-35	WEARSHOE (REPLACES D3535-35 + D3536-35)
26A					54	54				MS27039C1-08	SCREW
26B					54	54				NAS1149C0332R	WASHER (OR AN960C10L)
26C					54					ALS7-1032-130	* INSERT ⁽¹⁾ (or AKS4-1032-130, ALS4-1032-130, AELS-1032-130)
30	1	1	1	1						D3407-043	TOW RING ASSEMBLY (REPLACES D2968-043)
32A	1	1	1	1						D3456-1	WASHER
32B	2	2	2	2						D3457-1	WASHER
33	1	1	1	1						MS21043-4	NUT
34	1	1	1	1						AN4C5A	BOLT
35	1	1	1	1						NAS1149C0463R	WASHER (OR AN960C416)
36	1	1	1	1						D3413-1	RING (REPLACES D2655)
37	10	10	10	10						D2712	SET SCREW
38	2	2	2	2						D2934	SADDLE SPACER
39	2	2	2	2						D2935	SADDLE SPACER
40									2	D3414-041	GHW LUG (REPLACES D2659)
41									4	AN3C37A	BOLT
42									8	D2652	BUSHING
43									4	MS21043-3	NUT
44									4	NAS1149C0363R	WASHER (OR AN960C10)

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Revision: Q

Date: 13.08.12